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CORRES. CONTROL
OUTGOING LTR NO.**EG&G ROCKY FLATS**

DE ORDER# 5700.6C

EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

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DIST.	LTR	ENC
MARAL, M.E.		
JRLINGAME, A.H.	X	X
JSBY, W.S.		
RANCH, D.B.		
ARNIVAL, G.J.		
AVIS, J.G.		
ERRERA, D.W.		
RAY, R.E.		
EIS, J.A.		
OVER, W.S.		
OLAN, P.M.		
ANNI, B.J.		
ARMAN, L.K.		
EALY, T.J.		
DAHL, T.		
LBIG, J.G.		
JTCHINS, N.M.		
ACKSON, D.T.		
ELL, R.E.		
JESTER, A.W.		
ARX, G.E.		
EDONALD, M.M.		
CKENNA, F.G.		
ONTROSE, J.K.		
ORGAN, R.V.		
OTTER, G.L.		
ZZUTO, V.M.		
SING, T.L.		
ANDLIN, N.B.		
CHWARTZ, J.K.		
ETLOCK, G.H.		
TEWART, D.L.		
TIGER, S.G.		
OBIN, P.M.		
DORHEIS, G.M.		
ILSON, J.M.		
NDERSON, C.A.	X	X
ENTZEN, K.	X	X
REEN, D.G.	X	X
ROUSSARD, M.	X	X
ORBES, T.	X	X
EITH, S.	X	X
ESTA, S.	X	X
CORRES. CONTROL	X	X
OMN RECORD/080 2	X	X
RAFFIC		
ATS/T130G		

October 17, 1994

94-RF-10576

Jessie M. Roberson


Acting Manager

Environmental Restoration Program Division

DOE/RFFO

ENVIRONMENTAL RESTORATION PROGRAM WEEKLY REPORT - KB-237-94

Please find attached the EG&G input to the Rocky Flats Environmental Restoration Program Weekly Report for the week ending October 14, 1994.


 Kaye Bentzen

Program Manager

Environmental Data Management and Reporting Services

CAA:tds

Orig. and 1 cc - J. M. Roberson

Attachment:

As Stated

cc:

H. D. Rose - DOE/RFFO

M. N. Silverman - " "

CLASSIFICATION:

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UNCLASSIFIED		
CONFIDENTIAL		
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REPLY TO RFP CC NO:

ACTION ITEM STATUS

PARTIAL/OPEN

□ CLOSED

TR APPROVALS:

RIG & TYPIST INITIALS

AA:tds

ADMIN RECCRD
 SW-A-003495

1128

**EG&G ENVIRONMENTAL RESTORATION PROGRAM WEEKLY REPORT
WEEK ENDING OCTOBER 14, 1994**

**Adsorption and Ion Exchange Treatability Studies Reports for Operable Unit 2
Delivered to DOE Prior to IAG Milestone Due Dates (S. R. Grace)**

The Ion Exchange Treatability Studies and Adsorption Treatability Studies Reports were delivered to RFFO on October 5, 1994, prior to their IAG Milestone due dates.

Operable Unit 2 Soil Studies to Be Published in National Journal (S. R. Grace)

Two articles, entitled *Plutonium -239+240 and Americium -241 in Soils East of Rocky Flats, Colorado*, and *Uranium Isotopes Distribution at the Rocky Flats Plant, Colorado*, have been accepted for publication in the Journal of Environmental Quality. The expected publication dates are November 1994 and March 1995, respectively. Four more manuscripts are currently in review.

**Toxicity Assessment for Operable Unit 3 Delivered to Regulatory Agencies Ahead of
Deadline (R. H. Birk)**

The Toxicity Assessment Technical Memorandum #5 was submitted to the regulatory agencies for review on October 11, 1994. This submittal is 30 days ahead of the agency-approved project schedule delivery date of November 11, 1994.

**Site Development Approved for Air/Meteorological Monitoring Station Sites for
Operable Unit 3 (R. H. Birk)**

Site development approval for the two air and meteorological monitoring station sites was obtained from the Jefferson County Planning Commission on October 7, 1994.

**Operable Unit 8 Phase I RFI/RI Work Plan is Approved by the Regulatory Agencies
(R. R. Sarter)**

The Operable Unit 8 Phase I RFI/RI Work Plan was approved by the regulatory agencies on October 3, 1994. Efforts continue to obtain issuance of the Work Plan as a controlled document, which is necessary to complete the Readiness Review.

Upcoming Events

October 26, 1994	Rocky Flats Monthly Public Information Meeting Location and topics of discussion: To be determined
November 16, 1994	Rocky Flats Monthly Public Information Meeting Location and topics of discussion: To be determined
December 14, 1994	Rocky Flats Quarterly Environmental Restoration Public Information Meeting Location and topics of discussion: To be determined

**EG&G ENVIRONMENTAL RESTORATION PROGRAM WEEKLY REPORT
WEEK ENDING OCTOBER 14, 1994**

Section I - Interagency Agreement

Operable Unit 1 - 881 Hillside (R. Z. Houk)

Interim Measure/Interim Remedial Action (IM/IRA)

In anticipation of the discontinuation of the Building 881 footing drain, RFFO has instructed that the collection well pumping be discontinued because of the contaminated water from the collection well being pumped into the French drain without the diluting effect of the footing drain water. EG&G will investigate this concern and respond accordingly. Currently, there is no effective way to transport the collection of well water directly to the Water Treatment Facility in Building 891.

Treated groundwater this week: 9,265 gallons
Total treated to date: 2,640,881 gallons

Corrective Measures Study/Feasibility Study

RFFO has received comments from the EPA on the Draft Corrective Measures Study/Feasibility Study which indicated disagreement with the recommended preferred alternative of No Further Action with administrative controls. All comments will be reviewed for corrective action and/or resolution. The CDPHE comments were due on October 7, 1994, and have not been received.

Accelerated Cleanup

The final confirmation sampling of the hot spots was completed on October 3, 1994, and the final samples were shipped for analysis on October 10, 1994. Analytical results are expected in December 1994, and will be validated in January 1995. The waste drums are anticipated to be shipped offsite in March 1995.

Operable Unit 2 - 903 Pad, Mound, East Trenches Area Closures (W. S. Busby)

Remedial Investigation (P. J. Laurin)

The Peer Review of Site Specific Exposure Factors has been completed, and comments from the review are currently being evaluated. The only RFI/RI schedule impact resulting from this peer review will be a two-week delay in the production of the Exposure Scenario Technical Memorandum. An extension has been approved by RFFO.

EG&G performed a preliminary review of the Draft Exposure Scenario Technical Memorandum on October 11, 1994. In order to support the assessment of the seven exposure scenarios within the Technical Memorandum, the site conceptual model will be applied to both Areas of Concern. Reasonable Maximum Exposure and Central Tendency parameters for each exposure scenario will be an appendix to the Exposure Scenario Technical Memorandum. The Draft Exposure Scenario Technical Memorandum will be transmitted to RFFO for review on October 18, 1994.

A review of Chapter 4, Technical Approach to Corrective Action, of the Draft Rocky Flats Environmental Technology Site Cleanup Work Plan was completed. This chapter will replace the Statement of Work, Attachment 2, in the existing Interagency Agreement. Comments were developed for the EG&G Rocky Flats, Inc. Negotiations Coordinator's Review.

Concerning the Phase II Title II Design Sewage Treatment Plant Upgrades, after review of the drawings and specifications and a visit to the construction site, it has been determined that the IHSSs within Operable Unit 2 will not be impacted if upgrade construction activities remain within the original scope.

Feasibility Study

Work was done to resolve internal comments on the Preliminary Draft of Task 7, Assemblage of Remedial Alternatives, in preparation for transmittal of the draft document to RFFO next week. After RFFO review, a

meeting will be scheduled to present the list of remedial alternatives to the regulatory agencies for early review and comment.

Comments were compiled on the Draft Technical Memorandum #1, *Development of Corrective/Remedial Action Objectives*.

RFFO has requested a second review and potential revision of the Technical Memorandum #1, *Development of Corrective/Remedial Action Objectives*, before its presentation to the regulatory agencies. Release of the updated document is not anticipated until the end of October, when the RFI/RI Exposure Scenario Technical Memorandum will also be ready for transmission.

Activities have been added to the CMS/FS schedule reflecting the need for a separate groundwater modeling contract to finalize previously initiated but incomplete work. The aggressive timeline for these activities reflects the need to wrap up work on the advective flow model in order to evaluate remedial alternatives.

Subsurface Interim Measure/Interim Remedial Action Operations Report

Test Site No. 1

The subcontractor is scheduled to begin carbon transfer to drums and carbon sampling on October 20, 1994.

Test Site No. 2

The Draft Technical Memorandum #4 is scheduled to be transmitted to the regulatory agencies and RFFO by October 17, 1994.

Surface Water Interim Measure/Interim Remedial Action (M. T. Vess)

Work has commenced on the consolidation of Building 891 and the water treatment facilities. Modifications and/or upgrades to the equipment at both facilities is underway to optimize the new facility and reduce the time required to complete the project. A Statement of Work is being developed to procure an engineering/construction firm to design and consolidate the two facilities.

Ecology personnel investigated the SW-59 seep site on October 10, 1994, to determine if any wetlands or endangered flora/fauna are present. A Readiness Review Checklist is being prepared to ensure proper documentation, and a Document Modification Request is being prepared to include this activity in the Operable Unit 2 Field Treatability Unit Health and Safety Plan.

A Statement of Work is being developed for the installation and anchoring of a storage tank at SW-59. The storage tank will allow SW-59 water to be stored adjacent to the seep until operations personnel can be present to observe pumping operations.

Pre-shipment samples will be sent to an offsite carbon reactivation vendor within the next few weeks. Approximately 16,000 pounds of spent granular activated carbon from the OU 2 Field Treatability Unit are

being managed as a hazardous waste at this time. After it is shipped offsite, the reactivated carbon will no longer be considered a hazardous waste, thus eliminating storage and disposal costs.

A Document Modification Request is being developed for sampling requirements outlined in the Sampling and Analysis Plan for Operation and Maintenance of the Field Treatability Unit for Operable Unit 2. Changes include reducing sampling frequencies at four radionuclide sampling locations, adding Volatile Organic Compounds to the list of analytes requiring sampling at location RS-2, and reducing sampling at the Field Treatability Unit and the three sources, SW-59, SW-61, and SW-1132. The Document Modification Request will be completed by November 15, 1994.

No sludge was packaged last week.

Treated water last week:	0	gallons
Total water treated at Field Treatability Unit:	24,779,200	gallons

Treatability Studies

Removal of Actinides from Soil Treatability Study

Fire Protection Engineering has inspected the liquified petroleum gas installation for the laboratory bunsen burner in Room 139 of Building 779. Required modifications were minor and have been completed. Fire Protection Engineering has provided written conditional approval to put the liquified petroleum gas system into service.

Solid (soil) samples from the single wet sieve experiments have been collected and transferred to the contracted offsite laboratory for analysis. Liquid (wash solution) samples have not yet been shipped offsite for analysis because use of the bunsen burner was needed to prepare planchets for radioactivity screening. Sodium hexametaphosphate was selected as the most effective washing agent based upon the direct instrument gamma radioactivity measurements performed in the laboratory. These measurements are specific to americium, and the selection of the optimal washing agent for use was made by assuming that plutonium is most likely exhibiting physical and chemical behavior similar to the americium being measured. This assumption will be confirmed by plutonium-, americium-, and uranium-specific analyses to be performed at the offsite laboratory during October 1994.

High Gradient Magnetic Separation

Lockheed Analytical Services received the last lot of samples from Los Alamos National Laboratory on October 7, 1994. Results are scheduled to be received by October 18, 1994. Preparation of the Final Treatability Studies Report continues, and completion of the report is expected by November 1, 1994.

Chemically Enhanced Steam Stripping

Preliminary analysis of the total radionuclide content of the soils used in the column experiments will be completed by October 17, 1994.

Ion Exchange

The Ion Exchange Treatability Studies Report was delivered to RFFO on October 5, 1994, prior to its IAG Milestone due date.

Adsorption

The Adsorption Treatability Studies Report was finalized and submitted to RFFO on October 5, 1994, prior to its IAG Milestone due date.

Soil Background Study (T. C. Lange)

EG&G prepared a new geology map with a more legible legend attached for inclusion in the Final Work Plan for the Background Soils Characterization Plan, which was issued for distribution on October 14, 1994.

The Phase I Background Soils Program is an IAG deliverable, but a milestone date has not been set by the regulatory agencies. EG&G's current schedule calls for delivery of the Draft Phase I Report to RFFO for comment on March 15, 1995. For the project to remain on schedule, the data validation needs to be complete by January 4, 1995, and EG&G anticipates that data validation shall be completed before that date.

Soil Studies (M. Z. Litaor)

General

Modelling of Pu -239+240 and Am -241 using indicator kriging continues.

Several briefings are planned to present the findings of the Draft Chapter 1, A Comprehensive Appraisal of Plutonium 239+240 in Soils of Operable Units 1, 2, and 3: A Basis For Risk Analysis, of the Operable Unit 3 RI Report. The first presentation will take place for RFFO and EG&G personnel on October 20, 1994, in Building 080. Subsequent presentations will take place on October 25, 1994, for the regulatory agencies in EPA's Conference Center, and on October 26, 1994, for other outside groups, to be conducted in the Jefferson County Airport Terminal Building.

The Soil Study Team reviewed the Draft Groundwater Geochemical Report, and comments were delivered.

Two articles, entitled *Plutonium -239+240 and Americium -241 in Soils East of Rocky Flats, Colorado*, and *Uranium Isotopes Distribution at the Rocky Flats Plant, Colorado*, have been accepted for publication in the Journal of Environmental Quality. The expected publication dates are November 1994 and March 1995, respectively. Four more manuscripts are currently in review.

Project Specific

The design for the snow density plates has been finalized. Parts will be ordered this week.

Development of the SNTHERM user interface continues. The program will consist of three components: external file importation, graphical display and modification of its contents, and exportation of the updated file, of which the first two have been developed. The design and programming for four user input screens have been completed.

Work on the evapotranspiration component of the Soil Water Monitoring System continues as scheduled. Preparation for the removal of the monolith from the surrounding soil is being done in the laboratory. A Gantt Chart for the 1995 Fiscal Year evapotranspiration study is complete.

~~Evaluation of the physical-electrical response of Rocky Flats soils and their impact on Time-Domain~~
Reflectometry soil moisture probes continues. The system of automated digitized response retrieval, which needs to coordinate with the weighing system to ensure synchronized data acquisition, is being tested. A macro to convert the digitized waveform data into spreadsheet format was developed and tested on four different digitized data files. Conversion of the data to a spreadsheet format allows interpretation and statistical analysis of the calibration data.

Soil studies will continue through Fiscal Year 1995, in order to determine the fate and transport of Pu -239+240 and Am -241, in support of the Feasibility Study recommendation for remedial alternatives.

Other Issues

Site Demonstration

A site demonstration to be conducted by the Treatability Study Group is under review. A 55-gallon drum of soil, to be delivered to Tent 10 next to the 904 Pad, will be needed for the low-level thermal desorption demonstration by November 1994 in order to perform tests in January 1995. Analytical work for the sample characterization will be performed by Environmental Technologies.

Operable Unit 3 - Offsite Areas (M. S. Buddy)

The Toxicity Assessment Technical Memorandum #5 was submitted to the regulatory agencies for review on October 11, 1994. This submittal is 30 days ahead of the agency-approved project schedule delivery date of November 11, 1994.

The project is currently running ahead of the approval project schedule; however, the regulatory agencies have not been able to provide their comments to submitted documents in a time frame consistent with the accelerated project schedule. This delay jeopardizes the accelerated schedule, but at this time, does not affect the approved project schedule. The potential schedule impact is approximately three weeks. In order to compensate for the regulatory agencies' delay in providing comments, efforts to find schedule savings elsewhere continue.

A bald eagle was observed in the Standley Lake area on October 10, 1994. This eagle is most likely one of the pair of bald eagles that has used the Standley Lake area for winter nesting since 1991. The arrival of the bald eagle has the potential affecting operation and/or completion of at least two of the four air monitoring stations. The air monitoring station constructed north of 100th Avenue and the air monitoring station planned for construction near the southwest corner of Standley Lake are located within the Standley Lake bald eagle essential habitat. Construction of the air monitoring station located north of 100th Avenue was completed on October 13, 1994. Minor equipment connections and electrical wiring will be conducted, after which a letter will be drafted to RFFO which will summarize the remaining work to be performed at each of the installations. The letter recommends that RFFO contact the United States Fish and Wildlife Service for an informal consultation for permission to complete the remaining air monitoring station work.

Site development approval for the two air/meteorological monitoring station sites was obtained from the Jefferson County Planning Commission on October 7, 1994. Two conditions for approval were listed: (1) the perimeter chain link fence for both sites be painted with a flat black or dark green color, and (2) the two facilities should not be permitted to exist beyond one year. If the applicant can establish that a longer life span is warranted, another review by the Planning Commission will be required.

A meeting was held with the City of Broomfield on October 6, 1994, to present preliminary results of the Operable Unit 3 Remedial Investigation. A similar meeting is being arranged for the cities of Westminster and Arvada, as well as with Jefferson County.

All suspect data has been checked, and the Operable Unit 3 data quality tables were finished.

Geostatistical Library testing continues for the conditional simulation programs. Following up on the recently completed analysis of plutonium for Operable Unit 3, the sensitivity of Pu -239/240 activity contours was tested by using cumulative distribution function simulation. This tool, while still experimental, may prove to be valuable for risk assessment.

Operable Unit 4 - Solar Ponds Evaporation (S. R. Keith)

Treatment, Storage, and Disposal (J. B. Mellen)

Waste Storage

A final walkdown of the 750 and 904 Pads was completed on October 10, 1994.

All engineering work associated with the pad drainage piping is complete, and a Davis-Bacon determination was performed. The cost estimate is complete, and the proposal is currently undergoing review.

The final drawing review was completed on October 6, 1994, and the deficiencies have been identified.

Discussions continue with RFFO and EG&G on the egress requirements issue.

Treatability - Sludge

Efforts continue to send the samples to the laboratory for analysis. The Investigative Derived Material soils samples are suspect because of absorbent additions to the drums. The A and B Pond water and sludge will probably be identified as DOT non-radioactive, while the clarifier sludges and the Homogenized C Pond slurries will probably be identified as DOT radioactive.

Interim Remedial Action (R. W. Boyle)

Water Management

Progress continues on the Building 910 sump pump. The modular tanks have a remaining usable volume of approximately 473,000 gallons. Approximately 7,000 gallons evaporated from the tanks because of solar heat and wind during the week of October 10, 1994.

Approximately 204,000 gallons of water have been pumped from the 207B North Pond to Building 374 since October 4, 1994, but a small quantity of water still remains in the northwest corner of the pond. Routine RCRA inspections and compressor rotations in Building 910 and the Modular Storage Tanks were completed satisfactorily.

Final Action (J. A. Ledford)

Phase II RFI

Progress continues on the development of the Operable Unit 4 Phase II RFI/RI schedule and the preparation of the field activities. Work continues on the review and development of the Readiness Review requirements and the QA/QC documentation.

Interim Measure Remediation (J. A. Ledford)

RCRA Facility Investigation

Incorporation of comments into the Operable Unit 4, Phase I RFI/RI Report continues.

Title II Remedial Design

The sample analysis and subcontractor data analysis for the Geotechnical Drilling have been completed. Based on preliminary discussions, some engineered stabilization measures may be required.

The Ground Penetration Radar utilities verification effort which began the week of October 10, 1994, will verify the locations of existing utilities shown and not shown on current site drawings.

General Site Improvements

The General Site Improvements effort encompasses preremedial construction site preparation work including relocation of utilities, installation of a construction fence, and the installation of utilities for the construction trailers. The Title II Design review meeting is scheduled for November 3, 1994.

Building 788 Removal

The Title II Design review meeting for the removal of Building 788 was held on September 27, 1994. Modifications are required to the package to identify the permacon as part of the Phase II removals. Phase II removals cannot be started until after the IM/IRA Decision Document is approved. RCRA Regulatory Programs has identified the shelving inside the building as Phase II equipment, also. An option of submitting a letter to the CDPHE requesting permission to relocate this shelving to another RCRA unit prior to the Phase II activities is being investigated.

Silo Removal

The mobilization for the removal of the cement silos located near Building 788 began the week of October 10, 1994, but the mobilization ceased in order to determine if applicable OSHA requirements were being satisfied. Additionally, a Readiness Assessment is also required before operations can begin. Because of these requirements, the silo removal mobilization will be delayed approximately three days.

Interim Measure Sludge (J. B. Mellen)

Testing & Operations - Sludge

The revised procedure for vacuum truck loading and unloading was completed by a team of process specialists. Training for all personnel on the new vacuum truck loading and unloading procedure and the revised Health and Safety Plan was conducted the week of October 10, 1994.

The 207B North Pond was pumped to Building 374 to prepare for final rinsing. No major problems occurred when the salt heels were removed from Vacuum Trucks V-8 and V-9 through utilization of the new procedure.

Because of repairs and modifications required for the third truck, the new date for delivery is October 17, 1994, which will not impact the overall schedule.

In order to allow for a second unloading station, an additional High Efficiency Particulate Air filter was purchased. The High Efficiency Particulate Air filter passed the Di-octyl Pthalate (DOP) test; however, it was noted that the unit had a 1600 cfm blower, even though the filter itself was rated at 1000 cfm. Based on this discrepancy, the filter unit was not certified for use and is undergoing review and evaluation.

Operable Unit 5 - Woman Creek Priority Drainage (C. A. Bicher)

Human Health Risk Assessment activities for the RFI/RI continue. The concentration toxicity screens were completed. The Technical Memorandum #11, *Contaminants of Concern*, was issued for review by RFFO on October 10, 1994. Identification of the source areas for the CDPHE Conservative Screen was begun and will be presented to the regulatory agencies on October 21, 1994.

The Environmental Evaluation for the Woman Creek drainage continues. After the potential contaminants of concern were completed, the selection of contaminants of concern for the Environmental Evaluation started by evaluating potential ecotoxicity of the identified chemicals.

The approach to be used in evaluating and selecting remedial options (Presumptive Remedy) for the Original Landfill, IHSSs 115 and 196, was proposed to the EPA on October 13, 1994. The CDPHE had previously verbally approved the approach, and was not present at this meeting. This Feasibility Study will be conducted in accordance with EPA's Presumptive Remedy guidance for CERCLA Municipal Landfills (EPA 540-F-93-035) and related guidance, which dictates that a limited risk assessment focused on groundwater be conducted. Chemical-specific Applicable or Relevant and Appropriate Requirements, such as Maximum Contaminant Levels, will be compared with groundwater contaminant concentrations.

Groundwater modeling activities continue. Establishment and input of calibration criteria into the MODFLOW were completed, and calibration runs were initiated.

Air dispersion modeling activities continue. The effect of varying roughness heights and threshold wind speed on the Fugitive Dust Model output results were evaluated.

Operable Unit 6 - Walnut Creek Priority Drainage (N. A. Holsteen)

The Data Aggregation Follow Up Letter Report on the source areas, corresponding conservative screen ratios, and areas of concern was received by RFFO on October 4, 1994, and comments were incorporated on October 12, 1994.

Comments from the regulatory agencies on the Technical Memorandum #4, *Chemicals of Concern*, were received on October 3, 1994. The Technical Memorandum #4 is scheduled for completion on October 18, 1994.

Comments from the regulatory agencies on the Draft Technical Memorandum #5, *Toxicity Assessment*, which was delivered to the regulatory agencies on September 7, 1994, have not been received. Work continues on the Final Technical Memorandum #2, *Exposure Scenarios*, and the final revisions to Technical Memorandum #3, *Model Description*.

All of the preliminary polychlorinated biphenyl tissue data from the offsite reservoirs in Operable Unit 3 were received. The tissue data from the ponds in Operable Unit 5 are scheduled for delivery the week of October 17, 1994. This sampling effort will be incorporated in the Addendum No. 1, Additional Pond Sediment Investigations for Operable Unit 6, and the revised version will be included as an appendix to the Work Plans for Operable Units 3 and 5.

Work continues on the groundwater modeling, air modeling, and surface water modeling.

Operable Unit 7 - Present Landfill (L. J. Peterson-Wright)

A meeting was held with the regulatory agencies on October 13, 1994, to discuss wetlands mitigation, schedule extensions, and final comment disposition.

Work continues on the Phase II field investigation. The soil sampling locations were surveyed, and three borings were completed.

Industrial Area Operable Units (8, 9, 10, 12, 13, and 14)

Review comments on the Preliminary Draft Industrial Area Surface Water and Sediment Field Sampling Plan Technical Memorandum were completed during the first week in October, and the responses are being addressed. Work continues on the Draft Technical Memorandum, which is scheduled for delivery to RFFO on October 24, 1994, and to the regulatory agencies by October 26, 1994.

Operable Unit 8 - 700 Area (W. A. Fuller)

The Operable Unit 8 Phase I RFI/RI Work Plan was approved by the regulatory agencies on October 3, 1994. Efforts continue to obtain issuance of the Work Plan as a controlled document, which is necessary to complete the Readiness Review.

Work will proceed on the Stage 2 Field Investigation work as soon as the Readiness Review is completed.

The Final Fiscal Year 1995 Work Packages are in preparation and are scheduled to be completed by October 21, 1994.

On September 21, 1994, a request was received from DC Energetics, Inc., for copies of the 24-hour and 10-day reports to DOE/HQ following receipt of the Notice of Violation of the Interagency Agreement. DC Energetics is a subcontractor to DOE/HQ and needs these copies for inclusion in a report that is being prepared for DOE/HQ. Because these reports were prepared and submitted by RFFO and because EG&G does not have access to copies of the final documents, this request was passed along to the RFFO Industrial Area Operable Units counterpart. To date, no response has been received on this matter.

A meeting was held on October 12, 1994, to discuss two upcoming construction projects which will impact Individual Hazardous Substance Site 172. The first project is an upgrade to a wastewater handling facility just north of the intersection of Sixth Street and Sage Avenue. The second is the installation of a sewer pipe to cross Central Avenue between Buildings T886C and T904A. The proposed sampling and screening procedures that will be utilized for this work were reviewed and modified.

A meeting was held on October 13, 1994, with CDPHE, RFFO, EG&G, and the subcontractor to select the type and locations of samples for Individual Hazardous Substance Site 172.

Operable Unit 9 - Original Process Waste Lines (C. D. Cowdery)

Discussions are in progress concerning tanks in and around Building 889. Sumps in the building as well as tanks outside of Building T-40 are also included. The T-40 Tanks are also targeted for removal as an early action.

Work continued on the Fiscal Year 1995 Work Package and Major Acquisition Document which includes modifications to reflect the investigation of Tanks T-11 and T-30. Only tanks that are in the current field

sampling plan and its addendum have been budgeted for Fiscal Year 1995. Additional tanks will be budgeted through the change control board process.

Work continues on a proposal for the implementation of the Stage I Outside Tank Investigation.

Preparation continues on the operating procedure for the Tank and Pipeline Investigation, FO.28.

RFFO is awaiting CDPHE approval of previously submitted work contained in the Field Sampling Plan for Tanks T-24 and T-32. If this issue goes to dispute resolution, delays will probably impact the current schedule.

Construction activities began the week of October 3, 1994, on replacement of a broken power line between Buildings 881 and 887. Before project completion, two samples will be taken from the construction site.

Discussions concerning tank closures in Buildings 444 and 883 cannot continue until a decision on funding the project is made.

Operable Unit 10 - Other Outside Closures (G. A. Anderson)

The Preliminary Draft Technical Memorandum #1 for Operable Unit 10 was submitted to RFFO on October 12, 1994.

The remaining sample analytical data have been received and will be uploaded into the Rocky Flats Environmental Database System as soon as the final data validation process has been completed. The final validation process will be completed in time for inclusion into the Operable Unit 10 Draft Phase I Nonintrusive Technical Memorandum.

Operable Unit 11 - West Spray Fields (K. K. O'Neill)

During the abandonment of a well in Operable Unit 11, a small underground detonation occurred on October 7, 1994. Well Abandonment and Replacement Program personnel are attempting to determine the cause, which is thought to be naturally occurring gas in underlying formations.

Difficulties are still being encountered in obtaining analytical results from the 1994 field program. The schedule has been impacted, but the IAG milestone due date for the Draft RFI/RI Report should not be affected.

Data loggers are presently operational in all fifteen groundwater monitoring wells installed for the Operable Unit 11 RFI/RI. The data loggers are collecting groundwater level measurements on a daily basis.

Operable Unit 12 - 400/800 Areas (S. B. Smith, Acting)

The soil gas sampling in Operable Unit 12 was completed on October 11, 1994.

Operable Unit 13 - 100 Area (M. F. McHugh)

While additional utility clearances for Operable Units 12 and 14 are being awaited, the soil gas investigations began in Individual Hazardous Substance Sites 134(S), 134(N), 128 and 171. Utility clearances have been granted for Individual Hazardous Substance Site 177.2. After soil gas investigations are completed in Operable Unit 14 and locations are staked and cleared in Operable Unit 8, activities will resume in Operable Unit 13. Operable Unit 8 activities will commence and be completed prior to the completion of the Operable Unit 13 investigations.

Work continues on the FO.28 Tank and Pipeline Investigation Procedure. Revisions are scheduled to be received on October 17, 1994. Coordination is in progress to ensure that this procedure becomes a controlled document.

Operable Unit 14 - Radioactive Sites (M. F. McHugh)

Work continues on surficial soil sampling and soil gas sampling. The field crews have optimized sample collection strategies in order to complete as much work as possible prior to the end of Fiscal Year 1994. Sampling in Individual Hazardous Substance Sites 160 and 161 has been completed, and the surficial soils sampling program is approximately 70 percent complete. One of the field crews will be assigned to Operable Unit 8 as soon as the Operable Unit 8 Field Sampling Plan is released as a controlled document. In addition, soil gas investigations have been reprioritized in order to complete as many tasks as possible before the expiration of the tolling agreement on January 31, 1995. Soil gas investigations in Operable Units 14 and 8 will be scheduled ahead of Operable Unit 13 because they are of a short duration, will have minimal impact on the Operable Unit 13 schedule, and will allow two additional investigations to be completed by January 31, 1995. Soil gas work in Operable Unit 14 was completed on October 14, 1994. Some resampling may be required the week of October 17, 1994.

Operable Unit 15 - Inside Building Closures (D. L. Schubbe)

RFFO will provide direction to EG&G on a document which lists alternatives for the Operable Unit 15 closure that is being developed for the EPA. This document will be completed prior to the submission of the Proposed Plan. The review of the Preliminary Draft Proposed Plan was completed the week of October 3, 1994. Work continues on the Final Phase I RFI/RI Report.

Operable Unit 16 - Low Priority Sites (D. L. Schubbe)

The Corrective Action Decision/Record of Decision for Operable Unit 16 was approved by RFFO and submitted to the regulatory agencies the week of October 3, 1994. It has not yet been approved.

Industrial Area Interim Measure/Interim Remedial Action

The public comment period for the IM/IRA Decision Document continues. The comments from the CDPHE are being addressed, and the EPA has indicated that they will not have additional comments on the document.

Environmental Operations Activities

No information was received this week.

Section III - Decontamination and Decommissioning

No information was received this week.

Section IV - Meetings

Operable Units 1, 2, and 3 - Several briefings are planned to present the findings of the Draft Chapter I, A Comprehensive Appraisal of Plutonium 239+240 in Soils of Operable Units 1, 2, and 3: A Basis For Risk Analysis, of the Operable Unit 3 RI Report. The first presentation will take place for RFFO and EG&G personnel on October 20, 1994, in Building 080. Subsequent presentations will take place on October 25, 1994, for the regulatory agencies in EPA's Conference Center and on October 26, 1994, for other outside groups to be conducted in the Jefferson County Airport Terminal Building.

Operable Unit 3 Offsite Areas - A meeting was held with the City of Broomfield on October 6, 1994, to present preliminary results of the Operable Unit 3 Remedial Investigation. A similar meeting is being arranged for the cities of Westminster and Arvada, as well as with Jefferson County.

Operable Unit 4 Solar Ponds - Discussions continue with RFFO and EG&G on the egress requirements issue.

Section V - Upcoming Events

October 26, 1994	Rocky Flats Monthly Public Information Meeting Location and topics of discussion: To be determined
November 16, 1994	Rocky Flats Monthly Public Information Meeting Location and topics of discussion: To be determined
December 14, 1994	Rocky Flats Quarterly Environmental Restoration Public Information Meeting Location and topics of discussion: To be determined

OU	OU Description	Milestone Description	Milestone in Jeopardy		Fiscal Year Due	Original IAG	Dates			Leads	Comments	
			Status	Change			Current IAG or Commitment	Baseline Completion	Current Projected Completion			Actual Completion
SW	Sitewide Operations	Draft Background Study Report (Water)	No	No	1990	12/15/89		12/15/89		12/15/89	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Background Study Report (Soils)	No	No	1990	12/15/89		12/15/89		12/15/89	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Community Survey Plan	No	No	1990	1/23/90		1/23/90		1/23/90	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final Community Survey Plan	No	No	1990	3/22/90		3/22/90		3/22/90	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Health and Safety Plan	No	No	1990	8/15/90		8/15/90		8/15/90	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Quality Assurance Project Plan	No	No	1990	8/29/90		8/29/90		8/29/90	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Standard Operating Procedures	No	No	1990	8/29/90		8/29/90		8/29/90	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Plan for Prevention of Contaminant Dispersion	No	No	1990	9/19/90		9/19/90		9/19/90	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Treatability Study Plan	No	No	1990	9/21/90		9/21/90		9/21/90	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Community Relations Plan	No	No	1991	11/1/90		11/1/90		11/1/90	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final Health and Safety Plan	No	No	1991	11/12/90		11/12/90		11/12/90	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Revised Background Study Report	No	No	1991	12/21/90		12/21/90		12/21/90	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final Community Relations Plan	No	No	1991	1/22/91		1/22/91		1/22/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Community Relations Plan Responsiveness Summary	No	No	1991	6/21/91		6/21/91		6/21/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Historical Release Report	No	No	1992	1/8/92		1/8/92		1/8/92	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final Historical Release Report	No	No	1992	6/3/92		6/3/92		6/3/92	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Treatability Study Report	No	No	1993	5/26/93		5/26/93		3/8/93	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final Treatability Study Report	No	No	1994	10/20/93		3/14/94		3/14/94	EG&G: M. Buddy RFFO: _____	Annual Reporting
SW	Sitewide Operations	Draft Decision Document IA IM/IRA	No	No	1994	3/23/94		3/14/94		3/14/94	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final SOP's vol 4 Surface Water/vol 5 Ecology	No	No	1991	1/25/91	3/1/91	3/1/91		3/1/91	EG&G: M. Buddy RFFO: _____	

OU	OU Description	Milestone Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Original IAG	Dates			Actual Completion	Leads	Comments
							Current IAG or Commitment	Baseline Completion	Current Projected Completion			
SW	Sitewide Operations	Final SOP Addendum for OU1 Phase III RFI/RI WP	No	No	1991	1/25/91	3/1/91	3/1/91		3/1/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final Quality Assurance Project Plan	No	No	1991	2/1/91	3/1/91	3/1/91		3/1/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final SOP's vol 2Groundwater/vol 3 Geotechnical	No	No	1991	2/1/91	3/1/91	3/1/91		3/1/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final SOP vol 6 Air	No	No	1991	2/1/91	3/1/91	3/1/91		3/1/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final SOP Addendum for OU2 Phase II RFI/RI Workplan	No	No	1991	2/1/91	3/1/91	3/1/91		3/1/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Workplan for Discharge Limits for Radionuclides	No	No	1991	3/18/91	4/5/91	4/5/91		4/5/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final Treatability Study Plan	No	No	1991	2/25/91	6/3/91	6/3/91		6/3/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final Plan for Prevention of Contaminant Dispersion	No	No	1991	2/21/91	7/22/91	7/22/91		7/22/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Final Work Plan for Discharge Limits for Radionuclides	No	No	1991	8/31/91	9/16/91	9/16/91		9/16/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Resp. Sum on Plan for Prevention of Contaminant Disp.	No	No	1992	6/26/91	11/25/91	11/25/91		11/25/91	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Resp. Sum. for Discharge Limits for Radionuclides	No	No	1992	12/17/91	1/30/92	1/30/92		1/30/92	EG&G: M. Buddy RFFO: _____	
SW	Sitewide Operations	Draft Responsiveness Summary (IA IM/IRA)	Yes	No	1995	8/2/94	11/2/94	11/2/94	11/2/94		EG&G: M. Buddy RFFO: _____	Revised IAG date approved 7/28/94 by DOE and CDH
SW	Sitewide Operations	Final Responsiveness Summary (IA IM/IRA)	Yes	No	1995	8/23/94	11/23/94	11/23/94	11/23/94		EG&G: M. Buddy RFFO: _____	Revised IAG date approved 7/28/94 by DOE and CDH
SW	Sitewide Operations	Final Decision Document (IA IM/IRA)	Yes	No	1995	8/23/94	11/23/94	11/23/94	11/23/94		EG&G: M. Buddy RFFO: _____	Revised IAG date approved 7/28/94 by DOE and CDH
1	881 Hillside	Draft Proposed IM/IRA Decision Document	No	No	1989	9/18/89	9/18/89	9/18/89		9/18/89	EG&G: Z. Houke RFFO: S. Grace	
1	881 Hillside	Proposed IM/IRA Decision Document	No	No	1990	10/6/89	10/6/89	10/6/89		10/6/89	EG&G: Z. Houke RFFO: S. Grace	
1	881 Hillside	Final IM/IRA Decision Document	No	No	1990	1/5/90	1/5/90	1/5/90		1/5/90	EG&G: Z. Houke RFFO: S. Grace	
1	881Hillside	Phase I-A IM/IRA Construction	No	No	1990	1/15/90	1/15/90	1/15/90		1/15/90	EG&G: Z. Houke RFFO: S. Grace	
1	881 Hillside	Draft Phase III RFI/RI Work Plan	No	No	1990	2/6/90	2/6/90	2/6/90		2/6/90	EG&G: Z. Houke RFFO: S. Grace	

OU	OU Description	Milestone Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Dates				Actual Completion	Leads	Comments
						Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion			
1	881 Hillside	Begin Phase I-B IM/IRA Construction	No	No	1991	10/8/90	10/8/90	10/8/90		9/28/90	EG&G: Z. Houke RFFO: S. Grace	
1	881 Hillside	Final Phase III RFI/RI Work Plan	No	No	1991	10/30/90	10/30/90	10/30/90		10/30/90	EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	IM/IRA Implementation Document	No	No	1991	2/22/91	2/22/91	2/22/91		2/22/91	EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Phase II - A IM/IRA Construction	No	No	1991	4/1/91	4/1/91	4/1/91		4/1/91	EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	IM/IRA Testing	No	No	1991	8/5/91	8/5/91	8/5/91		8/5/91	EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Phase II - B IM/IRA Construction	No	No	1991	9/3/91	9/3/91	9/3/91		9/3/91	EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Complete IM/IRA Construction	No	No	1992	3/2/92	4/13/92	4/13/92		4/13/92	EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Draft Phase III RFI/RI Report	No	No	1993	7/30/92	10/28/92	10/28/92		10/28/92	EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Final Phase III RFI/RI Report	No	No	1994	1/4/93	11/15/93	3/30/94		11/5/93	EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Draft CMS/FS Report	Yes	No	1994	3/31/93	8/25/94	8/7/95		8/25/94	EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	CD/RD Work Plan	No	No	1995	11/1/94	11/1/94	9/12/97			EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Submit Draft PP			1995	9/27/93	11/22/94	4/5/96	12/12/94		EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Submit Final CMS/FS Report			1995	9/27/93	11/22/94	1/4/96	11/22/94		EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Final PP	No	No	1995	1/4/94	2/24/95	7/2/96	2/7/95		EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Draft Responsiveness Summary	No	No	1995	5/6/94	6/23/95	12/3/96	5/22/95		EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Draft Title II Design	No	No	1995	7/5/95	7/5/95	4/20/97			EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Final Responsiveness Summary	No	No	1995	8/3/94	9/22/95	3/17/97	9/5/95		EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Draft CAD/ROD	No	No	1995	8/3/94	9/22/95	3/17/97	9/5/95		EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Final Title II Design	No	No	1996	10/3/95	10/3/95	12/12/97			EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Final CAD/ROD	No	No	1996	11/1/94	12/22/95	5/28/97	10/3/95		EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Begin Corrective/Remedial Action Construction	No	No	1996	5/7/96	5/7/96	4/9/99			EG&G: Z. Houk RFFO: S. Grace	

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OU	OU Description	Milestone Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Dates				Actual Completion	Leads	Comments
						Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion			
1	881 Hillside	Complete Corrective/Remedial Construction	No	No	1998	11/4/97	11/4/97	4/11/2001			EG&G: Z. Houk RFFO: S. Grace	
1	881 Hillside	Performance Assessment Report	No	No	1998	2/10/98	2/10/98	7/10/2001			EG&G: Z. Houk RFFO: S. Grace	
2	903 Pad	Draft Phase II RF/RI Work Plan	No	No	1990	12/21/89	12/21/89	12/21/89		12/21/89	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Final Phase II RF/RI Work Plan	No	No	1990	4/12/90	4/12/90	4/12/90		4/12/90	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Draft Proposed IM/IRA Decision Document	No	No	1990	6/19/90	6/19/90	6/19/90		6/19/90	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Proposed IM/IRA Decision Document	No	No	1990	9/18/90	9/18/90	9/18/90		9/18/90	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Draft Responsiveness Summary	No	No	1991	12/13/90	12/13/90	12/13/90		12/13/90	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Final Responsiveness Summary and Final IM/IRA DD	No	No	1991	1/11/91	1/11/91	1/11/91		1/11/91	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Draft Phase II RF/RI Work Plan (Bedrock)	No	No	1991	2/5/91	2/5/91	2/5/91		2/5/91	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Field Treatability Test System Installation Complete	No	No	1991	3/8/91	5/10/91	5/10/91		5/10/91	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Begin Field Treatability Testing	No	No	1991	3/11/91	5/13/91	5/13/91		5/13/91	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Final Phase II RF/RI Work Plan (Bedrock)	No	No	1991	7/2/91	7/2/91	7/2/91		7/2/91	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Draft Treatability Test Report Phase I (GAC)	No	No	1992	4/1/92	4/1/92	4/1/92		4/1/92	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Complete IM/IRA Construction	No	No	1992	9/30/91	4/24/92	4/24/92		4/24/92	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Begin Field Treatability Testing (Entire System)	No	No	1992	10/30/91	4/27/92	4/27/92		4/27/92	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Final Treatability Test Report Phase I (GAC)	No	No	1992	6/2/92	6/2/92	6/2/92		6/2/92	EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Submit Draft CMS/FS Report		Yes	1994	11/4/93	11/04/93	1/11/96			EG&G: W. Busby RFFO: S. Grace	Past due, extension requested 9/17/93
2	903 Pad	Submit Final CMS/FS Report		Yes	1994	5/10/94	05/10/94	5/31/96			EG&G: W. Busby RFFO: S. Grace	Past due, Extension requestd 9/17/93
2	903 Pad	Submit Draft PP		Yes	1994	5/10/94	05/10/94	7/23/96			EG&G: W. Busby RFFO: S. Grace	Past due, Extension requested 9/17/93
2	903 Pad	Submit Final PP			1994	8/9/94	08/09/94	10/17/96			EG&G: W. Busby RFFO: S. Grace	Past due, extension requested 9/17/93

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OU	OU Description	Milestone in Jeopardy Status Change			Dates				Actual Completion	Leads	Comments
		Milestone Description			Fiscal Year Due	Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion		
2	903 Pad	Submit Responsiveness Summary			1995	12/13/94	12/13/94	3/26/97		EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Final Responsiveness Summary	No	No	1995	3/16/95	3/16/95	7/2/97		EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Draft CAD/ROD	No	No	1995	3/16/95	3/16/95	7/2/97		EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Submit Draft Phase II RFI/RI Report	Yes		1995	3/12/93	5/20/95	11/18/94		EG&G: W. Busby RFFO: S. Grace	EPA/CDH extension approved 8/19/94
2	903 Pad	Final CAD/ROD	No	No	1995	6/15/95	6/15/95	9/15/97		EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	CD/ROD Work Plan	No	No	1995	6/15/95	6/15/95	1/7/98		EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Submit Final Phase II RFI/RI Report			1995	8/9/93	8/21/95	3/31/95		EG&G: W. Busby RFFO: S. Grace	EPA/CDH extension approved 8/19/94
2	903 Pad	Draft Title II Design	No	No	1996	2/15/96	2/15/96	4/7/98		EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Final Title II Design	No	No	1996	6/14/96	6/14/96	8/5/98		EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Begin Corrective/Remedial Action Construction	No	No	1997	1/20/97	1/20/97	7/27/99		EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Complete Corrective/Remedial Action Construction	No	No	1998	7/20/98	7/20/98	7/27/2001		EG&G: W. Busby RFFO: S. Grace	
2	903 Pad	Performance Assessment Report	No	No	1999	10/15/98	10/15/98	10/24/2001		EG&G: W. Busby RFFO: S. Grace	
3	Offsite Areas	Draft Past Remedy Report	No	No	1991	10/26/90	10/26/90	10/26/90	10/26/90	EG&G: M. Buddy RFFO: B. Birk	
3	Offsite Areas	Draft Historical Info and Prelim. HRAR	No	No	1991	11/9/90	11/9/90	11/9/90	11/9/90	EG&G: M. Buddy RFFO: B. Birk	
3	Offsite Areas	Final Past Remedy Report	No	No	1991	4/2/91	4/2/91	4/2/91	4/2/91	EG&G: M. Buddy RFFO: B. Birk	
3	Offsite Areas	Final Historical Info and Prelim. HRAR	No	No	1991	4/15/91	4/16/91	4/16/91	4/16/91	EG&G: M. Buddy RFFO: B. Birk	
3	Offsite Areas	Draft Phase I RFI/RI Work Plan	No	No	1991	5/16/91	7/10/91	7/10/91	7/10/91	EG&G: M. Buddy RFFO: B. Birk	
3	Offsite Areas	Final Phase I RFI/RI Work Plan	No	No	1992	10/11/91	12/6/91	12/6/91	12/6/91	EG&G: M. Buddy RFFO: B. Birk	
3	Offsite Areas	Submit Draft Phase I RFI/RI Report			1996	7/16/93	10/30/95	12/6/94		EG&G: M. Buddy RFFO: B. Birk	EPA/CDH extension approved 8/19/94
3	Offsite Areas	Submit Final Phase I RFI/RI Report			1996	12/13/93	7/11/96	8/25/95		EG&G: M. Buddy RFFO: B. Birk	EPA/CDH extension approved 8/19/94

OU	OU Description	Milestone Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Dates					Leads	Comments
						Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion	Actual Completion		
4	Solar Ponds	Draft Phase I RFV/RI Work Plan	No	No	1990	6/8/90	6/8/90	6/8/90		6/8/90	EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Final Phase I RFV/RI Work Plan	No	No	1992	11/26/91	11/26/91	11/26/91		11/26/91	EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Submit Draft Phase I Proposed IM/IRA Decision Document			1994	4/14/94	5/27/94	5/27/94		5/27/94	EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Submit Draft Phase II RFV/RI Work Plan			1994	4/22/94	5/27/94	4/22/94		5/27/94	EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Submit Final Phase I Proposed IM/IRA Decision Document		Yes	1994	9/12/94	8/6/94	8/6/94			EG&G: A. Ledford RFFO: F. Lockhart	Milestone overdue and in dispute
4	Solar Ponds	Submit Final Phase II RFV/RI Work Plan	Yes		1994	9/19/94	09/7/94	09/19/94		09/06/94	EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Submit IM/IRA Responsiveness Summary			1995	1/25/95	12/14/94	12/14/94			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	All Solar Ponds Emptied of Water and Sludge	No	No	1995	1/20/95	1/20/95	1/20/95			EG&G: A. Ledford RFFO: F. Lockhart	Milestone added per dispute draft and Final Phase I RFV/RI Report
4	Solar Ponds	Final IM Title II Design	No	No	1995	6/24/96	2/10/95	2/10/95			EG&G: S. Keith RFFO: F. Lockhart	
4	Solar Ponds	Phase I Final IM/IRA DD and Final Res. Summary	No	No	1995	4/24/95	2/25/95	2/25/95			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Begin Phase I IM/IRA Construction	No	No	1995	1/28/97	9/27/95	9/27/95			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Draft Phase II RFV/RI Report	No	No	1996	4/16/96	4/16/96	4/16/96			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Final Phase II RFV/RI Report	No	No	1996	9/11/96	9/11/96	2/10/95			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Draft Phase II CMS/FS Report	No	No	1997	12/5/96	12/5/96	6/6/2000			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Final Phase II CMS/FS Report	No	No	1997	6/9/97	6/9/97	2/13/2001			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Draft Phase II PP	No	No	1997	6/9/97	6/9/97	2/13/2001			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Final Phase II PP	No	No	1997	9/5/97	9/5/97	8/22/2001			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Phase II Responsiveness Summary	No	No	1998	1/16/98	1/16/98	02/15/2002			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Final Phase II Responsiveness Summary	No	No	1998	4/14/98	4/14/98	7/19/2002			EG&G: A. Ledford RFFO: F. Lockhart	

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OU	OU Description	Milestone Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Dates				Actual Completion	Leads	Comments
						Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion			
4	Solar Ponds	Draft Phase II CAD/FAD	No	No	1998	4/14/98	4/14/98	7/19/2002			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Final Phase II CAD/FAD	No	No	1998	7/14/98	7/14/98	3/27/2003			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	CD/RD Work Plan	No	No	1998	7/14/98	7/14/98	3/27/2003			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Draft Title II Design	No	No	1999	3/15/99	3/15/99	11/19/2003			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Final Title II Design	No	No	1999	6/14/99	6/14/99	2/26/2004			EG&G: A. Ledford RFFO: F. Lockhart	
4	Solar Ponds	Begin CA/RA Construction	No	No	2000	1/18/2000	1/18/2000	10/29/2004			EG&G: A. Ledford RFFO: F. Lockhart	
5	Woman Creek	Draft Phase I RFI/RI Work Plan	No	No	1991	4/5/91	4/5/91	4/5/91		4/5/91	EG&G: E. Mast RFFO: J. Pepe	
5	Woman Creek	Final Phase I RFI/RI Work Plan	No	No	1991	8/30/91	8/30/91	8/30/91		8/30/91	EG&G: E. Mast RFFO: J. Pepe	
5	Woman Creek	Submit Draft Phase I RFI/RI Report	Yes		1995	11/30/93	7/21/95	5/11/95			EG&G: E. Mast RFFO: J. Pepe	EPA/CDH extension approved 8/19/94
5	Woman Creek	Submit Final Phase I RFI/RI Report	Yes		1996	5/3/94	1/17/96	11/14/95			EG&G: E. Mast RFFO: J. Pepe	EPA/CDH extension approved 8/19/94
6	Walnut Creek	Draft Phase I RFI/RI Work Plan	No	No	1991	4/19/91	4/19/91	4/19/91		4/19/91	EG&G: N. Holsteen RFFO: J. Pepe	
6	Walnut Creek	Final Phase I RFI/RI Work Plan	No	No	1991	9/16/91	9/16/91	9/16/91		9/16/91		
6	Walnut Creek	Submit Draft Phase I RFI/RI Report	Yes		1995	8/4/93	6/21/95	4/19/95			EG&G: N. Holsteen RFFO: J. Pepe	EPA/CDH extension approved 8/19/94
6	Walnut Creek	Submit Final Phase I RFI/RI Report	Yes		1996	1/7/94	12/21/95	11/20/95			EG&G: N. Holsteen RFFO: J. Pepe	
7	Present Landfill	Draft Phase I RFI/RI Work Plan	No	No	1990	6/8/90	6/8/90	6/8/90		6/8/90	EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Final Phase I RFI/RI Work Plan	No	No	1991	8/28/91	8/28/91	8/28/91		8/28/91	EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Submit Draft Phase I RFI/RI Report			1994	10/12/93	10/12/93	12/20/93		5/24/94	EG&G: L. Peterson Wright RFFO: J. Pepe	Submittal of the Draft Revised Field Sampling Plan fulfills the IAG milestone for the Draft Phase I RFI/RI Report
7	Present Landfill	Submit Final Phase I RFI/RI Report		Yes	1994	3/16/94	03/16/94	9/2/94		5/24/94	EG&G: L. Peterson Wright RFFO: J. Pepe	

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OU	OU Description	Milestone Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Original IAG	Current IAG or Commitment	Dates		Actual Completion	Leads	Comments
								Baseline Completion	Current Projected Completion			
7	Present Landfill	Submit Draft Phase II RFI/RI Work Plan			1994	9/13/94	09/13/94	8/7/95		5/24/94	EG&G: L. Peterson Wright RFFO: J. Pepe	Submittal of the Draft Revised Field Sampling Plan fulfills the IAG milestone for the Draft Phase II RFI/RI Work Plan
7	Present Landfill	Submit Draft Phase I Proposed IM/IRA DD			1995	11/1/94	11/01/94	5/3/95			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Final Phase II RFI/RI Work Plan	No	No	1995	2/15/95	2/15/95	4/15/96		5/24/94	EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Final Phase I Proposed IM/IRA DD	No	No	1995	4/6/95	4/6/95	7/3/95			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	IM/IRA Responsiveness Summary	No	No	1995	8/14/95	8/14/95	10/4/95			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Phase I IM/IRA DD and Responsiveness Summary	No	No	1996	11/19/95	11/9/95	2/9/96			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	IM/Design Work Plan	No	No	1996	12/13/95	12/13/95	8/8/95			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Phase I IM/IRA Implementation Document	No	No	1996	8/13/96	8/13/96	4/4/96			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Draft Phase II RFI/RI Report	No	No	1996	9/9/96	9/9/96	9/9/96			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	IM Title II Design	No	No	1997	12/12/96	12/12/96	9/3/96			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Final Phase II RFI/RI Report	No	No	1997	2/11/97	2/11/97	2/11/97			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Draft Phase II CMS/FS Report	No	No	1997	5/9/97	5/9/97	5/9/97			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Begin Phase I IM/IRA Construction	No	No	1997	7/17/97	7/17/97	3/5/96			EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Final Phase II CMS/FS Report	No	No	1998	11/4/97	11/4/97	11/4/97			EG&G: L. Peterson Wright RFFO: J. Pepe	

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OU	OU Description	Milestone Description	Milestone in Jeopardy Status Change		Dates					Leads	Comments
					Fiscal Year Due	Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion		
7	Present Landfill	Draft Phase II PP	No	No	1998	11/4/97	11/4/97	11/4/97		EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Final Phase II PP	No	No	1998	2/10/98	2/10/98	2/10/98		EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Phase II Responsiveness Summary	No	No	1998	6/15/98	6/15/98	6/15/98		EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Final Phase II Responsiveness Summary	No	No	1998	9/10/98	9/10/98	6/15/98		EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Draft Phase II CAD/FAD	No	No	1998	9/10/98	9/10/98	9/10/98		EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Final Phase II CAD/FAD	No	No	1999	12/10/98	12/10/98	12/10/98		EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	CD/RD Work Plan	No	No	1999	12/10/98	12/10/98	12/10/98		EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Draft Title II Design	No	No	1999	8/11/99	8/11/99	8/11/99		EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Final Title II Design	No	No	2000	11/9/99	11/9/99	11/9/99		EG&G: L. Peterson Wright RFFO: J. Pepe	
7	Present Landfill	Begin CA/RA Construction	No	No	2000	6/14/2000	6/14/2000	6/14/2000		EG&G: L. Peterson Wright RFFO: J. Pepe	
8	700 Area	Draft Phase I RFI/RI Work Plan	No	No	1992	5/1/92	5/1/92	5/1/92	5/1/92	EG&G: W. Fuller RFFO: S. Slaten	
8	700 Area	Final Phase I RFI/RI Work Plan	No	No	1993	9/28/92	12/1/92	12/1/92	12/1/92	EG&G: W. Fuller RFFO: S. Slaten	
8	700 Area	Submit Draft Phase I RFI/RI Report		Yes	1994	2/14/94	02/14/94	11/4/97		EG&G: W. Fuller RFFO: S. Slaten	Requested extension to 1/12/15, extension denied
8	700 Area	Submit Final Phase I RFI/RI Report		Yes	1994	7/12/94	07/12/94	2/10/98		EG&G: W. Fuller RFFO: S. Slaten	Requested extension to 7/16/16, extension denied
9	Original Process Waste Line	Draft Phase I RFI/RI Work Plan	No	No	1990	6/8/90	6/8/90	6/8/90	6/8/90	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Final Phase I RFI/RI Work Plan	No	No	1992	11/26/91	11/26/91	11/26/91	11/26/91	EG&G: C. Cowdery RFFO: S. Slaten	

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OU	OU Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Dates					Leads	Comments
		Milestone Description			Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion	Actual Completion		
9	OPWL	Submit Draft Phase I RFI/RI Report	Yes	1994	4/11/94	04/11/94	1/4/2001	9/7/2004		EG&G: C. Cowdery RFFO: S. Slaten	Milestone overdue, Requested extension to 3/20/01, extension denied
9	Original Process Waste Lines	Submit Final Phase I RFI/RI Report	Yes	Yes	1994	9/6/94	09/06/94	9/16/2003	2/18/2005	EG&G: C. Cowdery RFFO: S. Slaten	Milestone overdue, requested extension to 9/16/03, extension denied
9	Original Process Waste Line	Draft Phase II RFI/RI Work Plan	No	No	1995	3/10/95	3/10/95	7/23/2004	8/12/2005	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Draft Phase I Proposed IM/IRA DD	No	No	1995	5/1/95	5/1/95	10/31/2003	9/30/2005	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Final Phase II RFI/RI Work Plan	No	No	1995	8/7/95	8/7/95	4/1/2005	1/4/2006	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Final Phase I Proposed IM/IRA DD	No	No	1995	9/27/95	9/27/95	7/12/2004	2/23/2006	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	IM/IRA Responsiveness Summary	No	No	1996	2/8/96	2/8/96	2/7/2005	6/27/2006	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Final Phase I IM/IRA DD & Responsiveness Summary	No	No	1996	5/7/96	5/7/96	5/5/2005	9/7/2006	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	CD/RD Work Plan	No	No	1996	6/7/96	6/7/96	6/7/2005	9/22/2006	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Phase I IM/IRA Implementation Document	No	No	1997	2/7/97	2/7/97	2/7/2006	6/27/2007	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	IM Title II Design	No	No	1997	6/9/97	6/9/97	6/7/2006	10/25/2007	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Draft Phase II RFI/RI Report	No	No	1997	7/9/97	7/9/97	5/7/2007	11/26/2007	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Final Phase II RFI/RI Report	No	No	1998	12/4/97	12/4/97	1/22/2008	4/22/2008	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Phase I IM/IRA Construction	No	No	1998	1/13/98	1/13/98	8/30/2007	5/30/2008	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Draft Phase II CMS/FS Report	No	No	1998	3/10/98	3/10/98	6/17/2009	7/25/2008	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Final Phase II CMS/FS Report	No	No	1998	9/3/98	9/3/98	2/24/2010	1/20/2009	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Draft Phase II PP	No	No	1998	9/3/98	9/3/98	2/24/2010	1/20/2009	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Final Phase II PP	No	No	1999	10/5/98	10/5/98	9/2/2010	2/19/2009	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Draft Phase II Responsiveness Summary	No	No	1999	3/10/99	3/10/99	2/28/2011	7/27/2009	EG&G: C. Cowdery RFFO: S. Slaten	

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OU	OU Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Dates					Leads	Comments
		Milestone Description			Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion	Actual Completion		
9	Original Process Waste Line	Final Phase II Responsiveness Summary	No	No	1999	6/7/99	6/7/99	8/1/2011	10/22/2009	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Draft Phase II CAD/FAD	No	No	1999	6/7/99	6/7/99	8/1/2011	10/22/2009	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Final Phase II CAD/FAD	No	No	1999	9/3/99	9/3/99	4/9/2012	1/20/2010	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	CD/RD Work Plan	No	No	1999	9/3/99	9/3/99	4/9/2012	1/20/2010	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Draft Title II Design Plans	No	No	2000	5/5/2000	5/5/2000	12/3/2012	1/21/2011	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Final Title II Design Plans	No	No	2000	8/4/2000	8/4/2000	8/8/2013	12/22/2010	EG&G: C. Cowdery RFFO: S. Slaten	
9	Original Process Waste Line	Begin CA/RA Construction	No	No	2001	3/9/2001	3/9/2001	11/11/2013	7/27/2011	EG&G: C. Cowdery RFFO: S. Slaten	
10	Other Outside Closures	Draft Phase I RFI/RI Work Plan	No	No	1992	11/27/91	11/27/91	11/27/91	11/27/91	EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Final Phase I RFI/RI Work Plan	No	No	1992	5/1/92	5/1/92	5/1/92	5/1/92	EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Clos.	Submit Draft Phase I RFI/RI Report	Yes	Yes	1994	8/25/94	08/25/94	8/19/99		EG&G: G. Anderson RFFO: S. Slaten	Milestone overdue, Requested 11/2/15 extension, extension denied
10	Other Outside Closures	Final Phase I RFI/RI Report	No	No	1995	1/30/95	1/30/95	8/25/99		EG&G: G. Anderson RFFO: S. Slaten	Requested 7/7/16 extension, extension pending
10	Other Outside Closures	Draft Phase I Proposed IM/IRA DD	No	No	1995	5/26/95	5/26/95	2/26/2018		EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Draft Phase II RFI/RI Work Plan	No	No	1995	6/27/95	6/27/95	5/25/2017		EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Final Phase I Proposed IM/IRA DD	No	No	1996	10/24/95	10/24/95	10/26/2018		EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Final Phase II RFI/RI Work Plan	No	No	1996	11/21/95	11/21/95	2/2/2018		EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	IM/IRA Responsiveness Summary	No	No	1996	3/6/96	3/6/96	5/24/2019		EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Final Phase I IM/IRA DD and Responsiveness Sum	No	No	1996	6/4/96	6/4/96	8/22/2019		EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	CD/RD Work Plan	No	No	1996	7/5/96	7/5/96	9/24/2019		EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Phase I IM/IRA Implementation Document	No	No	1997	3/6/97	3/6/97	5/6/2020		EG&G: G. Anderson RFFO: S. Slaten	

OU	OU Description	Milestone Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Dates				Actual Completion	Leads	Comments
						Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion			
10	Other Outside Closures	IM Title II Design	No	No	1997	7/7/97	7/7/97	9/23/2020			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Draft Phase II RFV/RI Report	No	No	1998	10/23/97	10/23/97	11/9/2020			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Begin Phase I IM/IRA Construction	No	No	1998	2/9/98	2/9/98	12/17/2021			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Final Phase II RFV/RI Report	No	No	1998	3/30/98	3/30/98	7/27/2021			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Draft Phase II CMS/FS Report	No	No	1998	6/25/98	6/25/98	3/28/2023			EG&G: G. Anderson RFFO:	
10	Other Outside Closures	Draft Phase II PP	No	No	1999	12/22/98	12/22/98	11/29/2023			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Final Phase II CMS/FS Report	No	No	1999	12/22/98	12/22/98	11/29/2023			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Final Phase II PP	No	No	1999	3/30/99	3/30/99	6/13/2024			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Draft Phase II Responsiveness Summary	No	No	1999	8/3/99	8/3/99	12/2/2024			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Final Phase II Responsiveness Summary	No	No	2000	10/28/99	10/28/99	5/9/2025			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Draft Phase II CAD/FAD	No	No	2000	10/28/99	10/28/99	5/9/2025			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Final Phase II CAD/FAD	No	No	2000	2/4/2000	2/4/2000	1/19/2026			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	CD/RD Work Plan	No	No	2000	2/4/2000	2/4/2000	1/19/2026			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Draft Title II Design Plans	No	No	2000	9/28/2000	9/28/2000	9/11/2026			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Final Title II Design Plans	No	No	2001	1/5/2001	1/5/2001	12/11/2026			EG&G: G. Anderson RFFO: S. Slaten	
10	Other Outside Closures	Begin CA/RA Construction	No	No	2001	8/2/2001	8/2/2001	8/23/2027			EG&G: G. Anderson RFFO: S. Slaten	
11	West Spray Fields	Draft Phase I RFV/RI Work Plan	No	No	1990	6/8/90	6/8/90	6/8/90		6/8/90	EG&G: K. O'Neill RFFO: J. Pepe	
11	West Spray Fields	Final Phase I RFV/RI Work Plan	No	No	1992	1/2/92	1/2/92	1/2/92		1/2/92	EG&G: K. O'Neill RFFO: J. Pepe	
11	West Spray Fields	Draft RFI/RI Report			1995	9/20/94	7/20/95	5/19/95			EG&G: K. O'Neill RFFO: J. Pepe	Revised IAG schedule has been approved by CDH, waiting for DOE/RFFO approval
11	West Spray Fields	Draft Phase II RFV/RI Work Plan	No	No	1995	8/21/95	8/21/95	11/25/96			EG&G: K. O'Neill RFFO: J. Pepe	

OU	OU Description	Milestone Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Original IAG	Current IAG or Commitment	Dates			Leads	Comments
								Baseline Completion	Current Projected Completion	Actual Completion		
11	West Spray Fields	Final RF/RI Report	No	No	1995	2/22/95	9/19/95	7/21/95			EG&G: K. O'Neill RFFO: J. Pepe	Revised IAG schedule has been approved by CDH, waiting for DOE/RFFO approval
11	West Spray Fields	Draft Phase I Proposed IM/IRA DD	No	No	1996	10/10/95	10/10/95	8/4/97			EG&G: K. O'Neill RFFO: J. Pepe	
11	West Spray Fields	Final Phase II RF/RI Work Plan	No	No	1996	1/24/96	1/24/96	8/5/97			EG&G: K. O'Neill RFFO: J. Pepe	
11	West Spray Fields	Final Phase I Proposed IM/IRA DD	No	No	1996	3/14/96	3/14/96	4/13/98			EG&G: K. O'Neill RFFO: J. Pepe	
11	West Spray Fields	Phase I IM/IRA Responsiveness Summary	No	No	1996	7/22/96	7/22/96	10/30/98			EG&G: K. O'Neill RFFO: J. Pepe	
11	West Spray Fields	Phase I Final IM/IRA DD & Final Responsiveness Su	No	No	1997	10/17/96	10/17/96	2/5/99			EG&G: K. O'Neill RFFO: J. Pepe	
11	West Spray Fields	IM Design CD/RD Work Plan	No	No	1997	11/18/96	11/18/96	3/9/99			EG&G: K. O'Neill RFFO: _____	
11	West Spray Fields	Phase I IM/IRA Implementation Document	No	No	1997	7/22/97	7/22/97	11/1/99			EG&G: K. O'Neill RFFO: J. Pepe	
11	West Spray Fields	Draft Phase II RF/RI Report	No	No	1997	8/13/97	8/13/97	5/13/99			EG&G: K. O'Neill RFFO: _____	
11	West Spray Fields	IM Title II Design	No	No	1998	11/18/97	11/18/97	3/8/2000			EG&G: K. O'Neill RFFO: _____	
11	West Spray Fields	Final Phase II RF/RI Report	No	No	1998	1/16/98	1/16/98	1/28/2000			EG&G: K. O'Neill RFFO: _____	
11	West Spray Fields	Draft Phase II CMS/FS Report	No	No	1998	4/15/98	4/15/98	6/21/2001			EG&G: K. O'Neill RFFO: _____	
11	West Spray Fields	Begin Phase I IM/IRA Construction	No	No	1998	6/24/98	6/24/98	6/1/2001			EG&G: K. O'Neill RFFO: _____	
11	West Spray Field	Final Phase II CMS/FS Report	No	No	1999	10/9/98	10/9/98	2/28/2002			EG&G: K. O'Neill RFFO: _____	
11	West Spray Field	Draft Phase II PP	No	No	1999	10/9/98	10/9/98	2/28/2002			EG&G: K. O'Neill RFFO: _____	
11	West Spray Field	Final Phase II PP	No	No	1999	1/21/99	1/21/99	9/9/2002			EG&G: K. O'Neill RFFO: _____	
11	West Spray Fields	Phase II Responsiveness Summary	No	No	1999	5/25/99	5/25/99	3/4/2003			EG&G: K. O'Neill RFFO: _____	
11	West Spray Fields	Final Phase II Responsiveness Summary	No	No	1999	8/20/99	8/20/99	8/5/2003			EG&G: K. O'Neill RFFO: _____	
11	West Spray Field	Draft Phase II CAD/FAD	No	No	1999	8/20/99	8/20/99	8/5/2003			EG&G: K. O'Neill RFFO: _____	

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OU	OU Description	Milestone Description	Milestone in Jeopardy Status Change		Fiscal Year Due	Dates				Actual Completion	Leads	Comments
						Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion			
11	West Spray Field	Final Phase II CAD/FAD	No	No	2000	11/18/99	11/18/99	4/13/2004			EG&G: K. O'Neill RFFO: _____	
11	West Spray Field	Phase II CD/RD Work Plan	No	No	2000	11/18/99	11/18/99	4/13/2004			EG&G: K. O'Neill RFFO: _____	
11	West Spray Field	Draft Title II Design Plans	No	No	2000	7/21/2000	7/21/2000	12/7/2004			EG&G: K. O'Neill RFFO: J. Pepe	
11	West Spray Field	Final Title II Design Plans	No	No	2001	10/19/2000	10/19/2000	3/14/2005			EG&G: K. O'Neill RFFO: J. Pepe	
11	West Spray Fields	Begin Phase II CA/RA Construction	No	No	2001	5/24/2001	5/24/2001	12/16/2005			EG&G: K. O'Neill RFFO: J. Pepe	
12	400/800 Area	Draft Phase I RFI/RI Work Plan	No	No	1991	5/8/91	5/8/91	5/8/91		5/8/91	EG&G: S. Smith RFFO: _____	
12	400/800 Area	Final Phase I RFI/RI Work Plan	No	No	1993	10/5/92	10/5/92	10/5/92		10/5/92	EG&G: S. Smith RFFO: _____	
12	400/800 Area	Submit Draft Phase I RFI/RI Report		Yes	1994	4/20/94	04/20/94	03/11/99			EG&G: S. Smith RFFO: S. Slaten	Milestone overdue, extension denied
12	400/800 Area	Submit Final Phase I RFI/RI Report			1994	9/15/94	09/15/94	11/17/99			EG&G: S. Smith RFFO: S. Slaten	Requested 11/17/99 extension, extension denied
13	100 Area	Draft Phase I RFI/RI Work Plan	No	No	1992	5/15/94	5/15/92	5/15/92		5/15/92	EG&G: M. McHugh RFFO: _____	
13	100 Area	Final Phase I RFI/RI Work Plan	No	No	1993	10/12/92	10/12/92	10/9/92		10/9/92	EG&G: M. McHugh RFFO: _____	
13	100 Area	Submit Draft Phase I RFI/RI Report	Yes	Yes	1994	8/8/94	08/08/94	1/6/97			EG&G: M. McHugh RFFO: S. Slaten	Milestone overdue
13	100 Area	Final Phase I RFI/RI Report	No	No	1995	1/11/95	1/11/95	6/11/97			EG&G: M. McHugh RFFO: S. Slaten	
14	Radioactive Sites	Draft Phase I RFI/RI Work Plan	No	No	1992	5/22/92	6/26/92	6/26/92		6/26/92	EG&G: M. McHugh RFFO: S. Slaten	
14	Radioactive Sites	Final Phase I RFI/RI Work Plan	No	No	1993	10/19/92	10/19/92	10/19/92		10/19/92	EG&G: M. McHugh RFFO: S. Slaten	
14	Radioactive Sites	Submit Draft Phase I RFI/RI Report			1995	12/20/94	12/20/94	4/23/97			EG&G: M. McHugh RFFO: S. Slaten	
14	Radioactive Sites	Final Phase RFI/RI Report	No	No	1995	5/23/95	5/23/95	9/29/97			EG&G: M. McHugh RFFO: S. Slaten	
15	Inside Building Closures	Draft Phase I RFI/RI Work Plan	No	No	1992	6/1/92	6/1/92	6/1/92		6/1/92	EG&G: D. Schubbe RFFO: B. Fitch	
15	Inside Building Closures	Final Phase I RFI/RI Work Plan	No	No	1993	10/26/92	10/26/92	10/26/92		10/26/92	EG&G: D. Schubbe RFFO: B. Fitch	
15	Inside Bldg. Clos.	Submit Draft Phase I RFI/RI Report			1994	8/1/94	08/01/94	08/01/94		7/25/94	EG&G: D. Schubbe RFFO: B. Fitch	
15	Inside Building Closures	Final Phase I RFI/RI Report	No	No	1995	1/4/95	1/4/95	1/4/1995			EG&G: D. Schubbe RFFO: B. Fitch	

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					Dates							
		Milestone in Jeopardy Status Change			Fiscal Year Due	Original IAG	Current IAG or Commitment	Baseline Completion	Current Projected Completion	Actual Completion	Leads	Comments
OU	OU Description	Milestone Description										
16	Low Priority Sites	Draft No Further Action Justification Document	No	No	1992	3/4/92	3/4/92	3/4/92		3/4/92	EG&G: D. Schubbe RFFO: B. Fitch	
16	Low Priority Sites	Final No Further Action Justification Document	No	No	1992	7/30/92	7/30/92	7/30/92		7/30/92	EG&G: D. Schubbe RFFO: B. Fitch	